NT BOOK

ensions		Contents	
Breadth 5	Depth 6	7	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427485

From ..... To .....

Date of Recording: 06/01/2020

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
Improvements to Roads and Drains at Singapura and adjoining areas in Ward No.11 Kuvempunagara.					
EE/BTP/WO/11/2019-20 Dated: 08/11/2019					
Name of Agency: EE. IGRID, BESCOM					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item NO 1	Earthworks excavation by manual means for trenches and canal works in ordinary soil excavated surface levelled and neatly dressed. the disposal earth to be levelled proper after breaking of clods complete as per specification) complete as per the direction of the Engineer-in-charge						
	Quty wise in E MB P. NO					= 1215.58 cum	
					@ 207.69	cum = 252355.	
Item NO 2	Removing and refixing Stone Slabs of Drain and pointing in cm (1:3) complete as per the directions of the Engineer in charge of the works						

IT BOOK

Dimensions		Contents	
Breadth 5	Depth 6	7	
...eans for ...ovel and ...			
... surface levelled and ...			
...earth to be levelled ...			
...ete as per specification			
...of the Engineer-in-charge			
P.ND = 1215.58 sqm			
@ 207.60/cum = 252355.			
...ks of Drain and ... printing			
...ctions of the Engineer in			
work			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427486

..... From..... To.....

..... of Agency .....

..... of work .....

Particulars of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Brushy wide ENB P. ND = 3402.40 sqm						
@ 94.30/sqm = 378687.00						
Providing stone slabs of selected quality roughly struck and finished (1:6) including fixing curing etc. and complete the operations						
Gravity wide ENB P. ND = 1213.47 sqm						
@ 772.00/sqm = 936395.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	M
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item No 6.1	construction of Rolled cement concrete min 1:4:8 op- cem @150kgs with 25 mm and down size grevelled granite m course aggregates at 0.85 cum and fine aggregates @ 0.5 base course with coarse and fine aggregates to conf img to IS:383 aggregates cement ratio 1:2:1 and minimum cement concrete content of 150kgs/cum, aggregates grad to be as per table 6&7 after breaking mixing bed plant at optimum moisture as per the direction of the in-charge of work						
	Qty vide EMB P.No = 60.58 cum						
	@ ₹408.12/cum = 32						

...IT BOOK

...ensions		Contents	...
Breadth 5	Depth 6	7	

...ncrete mix 1:4:8 opc cem...
...size graded granite...
...l fine aggregates @ 0...
...fine aggregates to cont...
...ratio 12:1 and minimum
...cum, aggregates grad...
... breaking mixing batch...
...as per the direction of...

...P.no = 60.58 cum
...408.12/cum = 32,76...

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427487

From.............................. To......................................

[illegible] of Agency ....

[illegible] of work ....

[illegible] of work	Dimensions				Contents	Reference to last Measurement
2	Number 3	Length 4	Breadth 5	Depth 6	7	8

[illegible] constructing load bearing wall with solid concrete blocks
[illegible] density not less than 1800 kg/m3 having a minimum
[illegible] strength of 4.00 N/mm2 confirming to IS 2185
[illegible] all materials labours charges complete as per
[illegible] and as per the directions of the Engineer in
[illegible] of the work

Quantity as per EMB P.no = 1766.94 sqm
@ 1019.72/sqm = 1801780.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Item NO(b) Providing and laying in position plain cement concrete mix 1:2:4 with OPC cement @ 240 kgs. with 40mm nom size graded granite metal coarse aggregate @ 0.875 cum and fine aggregate @ 0.53 cum machine mixed. concrete laid in layers not exceeding 15cm thick well compacted. in foundation, including cost of materials. machinery during complete as per specifications						
	Entry wise	EMB P. NO = 53.85 sqm					
		@ 57 # 7.32 | 53.85 sqm = 30 # 75					

BOOK

ns		Contents	
eadth 5	Depth 6	7	
plain cement concrete			
D leys. with 40mm and			
tel, coarse aggregate			
) @ 0.53 cum machine			
nd excavation 15cm			
ion, including cost of			
be as per specification			
P.ND = 53.85 sqm			
7.32 15mm = 804.75			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427488

From ..... To .....

.....

Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
				Position Plain cement concrete of mix 1:3:6 with 40mm and down size graded granite metal and fine aggregates @ 0.465 cum machine mixed concrete laid in layers not exceeding 15cm when well compacted and as per the directions of the officer-in-charge of the work	
				Quantity wide earlier = 15.614 cum	
				@550 5.614 cum	
				= 8611.70	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item No(8)	Providing and laying in position reinforced cement concrete of Design mix M20 with 53c cement @ 300 kgs. with 20mm down size graded granite metal coarse aggregates and cum and fine aggregates @ 0.43 cum machine mixed concrete laid in layers not exceeding 15cms thick, vibrated with vibrators in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including all materials, labours, complete as per specifications						
	Quantity wise in E NB :					30.66 cum	
	@ 7070.25/ cum :					21675/.00	

T BOOK

nsions		Contents	
Breadth 5	Depth 6	7	
forced cement concrete of			
@ 300 kgs with 20mm			
d coarse aggregate &			
um machine mixed			
cms thick, vibrated			
, pedestals, retaining			
thickness) including			
de as per specification			
MB = 30.66 cum			
0.25 cum = 2167 5/			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427483

From..... To.....

Name of Agency .....

Name of work .....

Description of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Reinforced for RCC work including straight cutting, bending, placing in position, lapping and/or welding where wherever necessary complete as per design (lap, hooks and shall not be measured and paid) cost of all materials of machinery complete as per specifications.						
Quality wire EMB = 1.814 tonne @ 72326.98/tonne = 1330740.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
Item No (10)	precast slab 20mm and above size for slab (including reinforcement) including centring and shuttering with mixed concrete laid in layers not exceeding 15cm thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications.						
	Gurty wise @ MB p.no = 1197.06 sqm						
	@ 2337.00 / sqm = 279751						
Item No (11)	providing and fixing pre cast solid cement concrete tain stone made out of cc 1:2:4 with top and bottom with						

MENT BOOK

Dimensions			Contents	
ength 4	Breadth 5	Depth 6	7	
) Side for Slab Circuiling				
rring and Shuttering				
s not exceeding 15 cm				
l materials labour Hire				
e as per specifications.				
RB P.NO = 1197.06 Sqm				
@ 2337.00 Sqm =				
Solid cement concrete				
h ribs top and bottom				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 427490

..... From..... To.....

Name of Agency .....

Name of work .....

Description, etc. of work	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
Supplying, Normal high and M.Sand in Length finished						
& planning and finishing cutting including turn work						
including cost of materials, labours. charges of machinery						
as per the direction of Engineer incharge of the work						
Quality wise RMB P.NO = 2601						
@ 432.48/m = 1125092.00						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
Item NO12	painting two coats after filling the surface with syn enamel paint approved shade on new plastered conc surface with materials, labour complete as per specifications. As per the direction of Engineer incharge of the work.					
	Hourly wise EMB = 409.73 sqmm					
	@ 84.80/sqmm				:	34745.00
	Total Amount					= 8363586.00

Executive Engineer,
Sub-Division
BBMP, Bangalore

NT BOOK

mensions			Contents	
	Breadth 5	Depth 6	7	
ing the surface with synth				
ely on new plastered/concr				
lour complete as per				
ction of Engineer incharg				
m3 = 409.73 sqm				
0/sqm = 8475.00				
= 8363586.00				
mount				

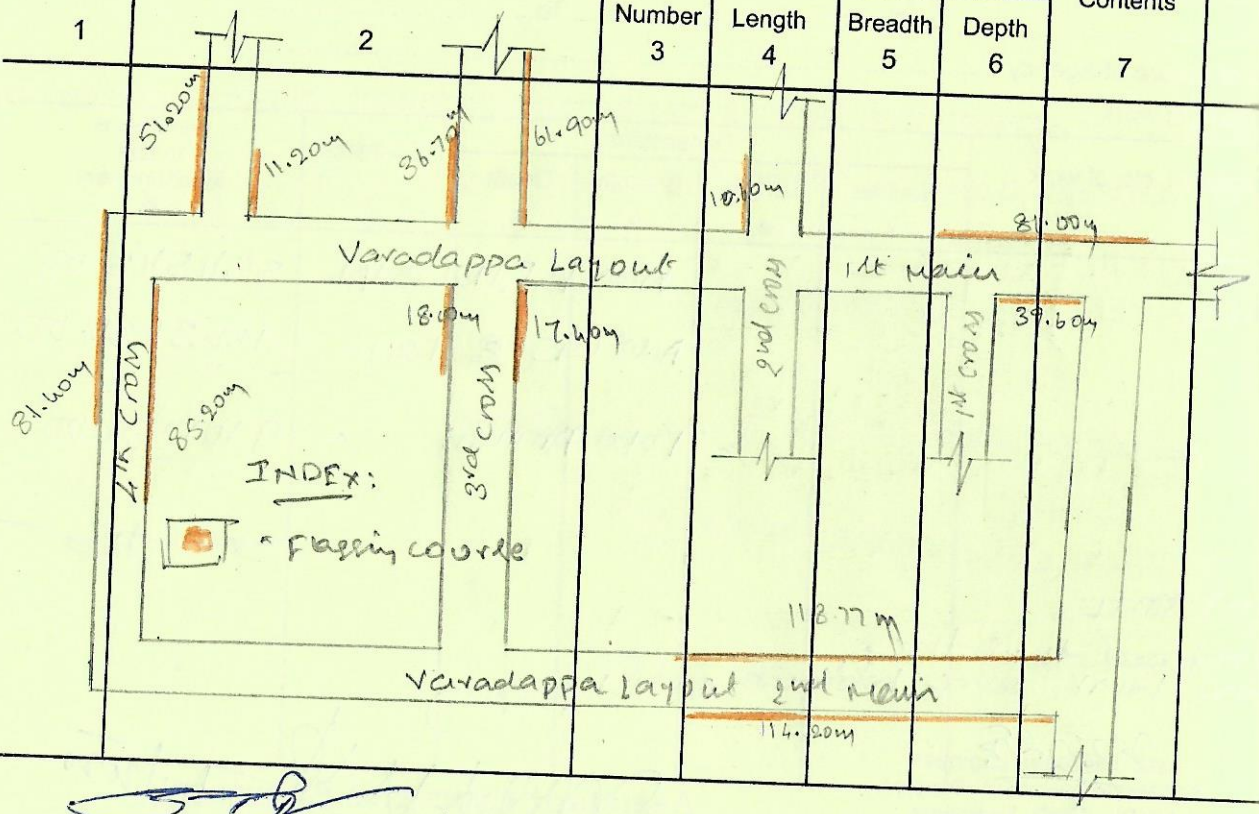
M. A. R. 57 (Rule 116)
Measurement Book

No. B 427491

From ..... To .....

	Dimensions				Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
			Total GRIDLE Hy.		33454.00	
			Total GSTE Lay.		= 1003630.00	
			= Total Amount		= 9701760.00	

Assistant Executive Engineer
Vidyaranyapura Sub Division.
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7